

What is claimed is:

- 1 . The blower motor featuring to include the case body having the intake formed at the cover which is formed, at least, at the one side and the exhaust formed at the peripheral wall; the motor with the fluid
5 dynamic bearing, installing in the interior or exterior portion of the case body; the impeller which is fixed to the rotating member of the motor so as to locate at the outer circumferential part of the motor or the above-mentioned interior portion of the case body of the motor, having the cover plate which is formed at the either upper surface or lower surface, or the both surface s, and capable of sucking in air from the intake by rotating and discharging from the exhaust by rotating; the upper and lower pressure
10 chamber which adds pressure so as to press the impeller to the thrust direction, installed between the outer circumferential part of the upper and lower cover plate of this impeller and the interior portion of the case body which faces the outer circumferential part; and the upper and lower valve chamber which discharges the pressure air in the upper and lower pressure chamber to the exterior portion.
- 15 2 . The blower motor which is mentioned in the claim 1, featuring that the upper and lower valve chamber is installed between the case inner wall surface and the cover plate of the impeller which are formed inclined plane or curved surface.
- 3 . The blower motor which is mentioned in the claim 1, featuring that the upper and lower valve chamber is installed between the case inner wall surface and the lower cover plate of the impeller
20 which are formed inclined plane or plane and the upper cover plate of the impeller is formed so as to control the movement to the thrust direction by the empty weight of the impeller.